

SHORT-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2005 First Quarter
PROJECTED PERIOD: 2007 First Quarter
AREA: Economic Growth Region 03

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	1st Quarter 2005 Employment	1st Quarter 2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
00-0000	Total, All Occupations	351,500	354,040	2,540	1%	17,690	23,310	\$32,581	NA
11-0000	Management Occupations	16,390	16,600	210	1%	550	800	\$73,078	NA
11-1000	Top Executives	5,680	5,740	60	1%	190	250	NA	NA
11-1011	Chief Executives	1,090	1,100	10	1%	40	40	\$126,890	Work experience plus bachelor's or higher degree
11-1021	General and Operations Managers	4,460	4,520	60	1%	150	210	\$79,764	Work experience plus bachelor's or higher degree
11-1031	Legislators	130	130	0	-2%	0	0	\$14,798	NA
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	1,160	1,190	30	2%	40	60	NA	NA
11-2011	Advertising and Promotions Managers	140	140	0	2%	0	10	\$55,385	Work experience plus bachelor's or higher degree
11-2021	Marketing Managers	320	320	0	1%	10	10	\$77,453	Work experience plus bachelor's or higher degree
11-2022	Sales Managers	580	590	20	3%	20	30	\$80,294	Work experience plus bachelor's or higher degree
11-2031	Public Relations Managers	130	130	0	3%	0	10	\$54,304	Work experience plus bachelor's or higher degree
11-3000	Operations Specialties Managers	3,400	3,420	20	1%	110	140	NA	NA
11-3011	Administrative Services Managers	420	420	0	1%	10	20	\$62,778	Work experience plus bachelor's or higher degree
11-3021	Computer and Information Systems Managers	410	420	10	3%	10	30	\$74,144	Work experience plus bachelor's or higher degree
11-3031	Financial Managers	830	840	10	1%	20	30	\$78,907	Work experience plus bachelor's or higher degree
11-3040	Human Resources Managers	440	440	0	1%	10	20	NA	NA
11-3051	Industrial Production Managers	780	770	-10	-1%	30	30	\$67,095	Bachelor's degree
11-3061	Purchasing Managers	290	280	0	-1%	10	10	\$71,623	Work experience plus bachelor's or higher degree
11-3071	Transportation, Storage, and Distribution Managers	240	250	10	2%	10	10	\$62,715	Work experience in a related occupation
11-9000	Other Management Occupations	6,150	6,250	100	2%	220	350	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	220	230	10	2%	10	10	NA	Work experience plus bachelor's or higher degree
11-9021	Construction Managers	520	530	10	2%	20	30	\$60,987	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	100	100	0	-1%	0	0	\$42,650	Work experience plus bachelor's or higher degree
11-9032	Education Administrators, Elementary and Secondary School	560	590	30	5%	30	50	\$79,271	Work experience plus bachelor's or higher degree
11-9033	Education Administrators, Postsecondary	240	250	10	5%	10	20	\$56,864	Work experience plus bachelor's or higher degree
11-9039	Education Administrators, All Other	20	20	0	0%	0	0	NA	NA
11-9041	Engineering Managers	510	500	-10	-2%	20	20	\$84,799	Work experience plus bachelor's or higher degree
11-9051	Food Service Managers	780	790	10	1%	20	30	\$39,278	Work experience in a related occupation
11-9061	Funeral Directors	100	100	0	0%	10	10	NA	Associate degree
11-9081	Lodging Managers	140	130	-10	-4%	0	0	\$35,197	Work experience in a related occupation
11-9111	Medical and Health Services Managers	790	830	40	5%	30	70	\$66,248	Work experience plus bachelor's or higher degree
11-9121	Natural Sciences Managers	20	20	0	-4%	0	0	\$70,276	Work experience plus bachelor's or higher degree
11-9131	Postmasters and Mail Superintendents	90	90	0	1%	0	0	\$51,752	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	460	480	20	3%	20	30	\$40,021	Bachelor's degree
11-9151	Social and Community Service Managers	270	280	20	6%	10	20	\$37,253	Bachelor's degree
11-9199	Managers, All Other	1,310	1,300	-10	-1%	50	50	\$68,732	Work experience in a related occupation
13-0000	Business and Financial Operations Occupations	10,520	10,760	240	2%	340	600	\$43,374	NA
13-1000	Business Operations Specialists	6,170	6,290	130	2%	200	340	NA	NA
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	20	20	0	18%	0	0	NA	Work experience plus bachelor's or higher degree
13-1021	Purchasing Agents and Buyers, Farm Products	50	60	0	6%	0	10	\$43,328	Work experience in a related occupation
13-1022	Wholesale and Retail Buyers, Except Farm Products	340	340	0	0%	20	20	\$41,795	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	780	770	-10	-1%	40	40	\$46,343	Bachelor's degree
13-1031	Claims Adjusters, Examiners, and Investigators	530	540	10	1%	10	20	\$38,072	Long-term on-the-job training
13-1032	Insurance Appraisers, Auto Damage	20	20	0	5%	0	0	NA	Long-term on-the-job training

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13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety,	260	270	10	3%	10	20	\$42,814	Long-term on-the-job training
13-1051	Cost Estimators	470	480	10	1%	20	30	\$47,857	Bachelor's degree
13-1061	Emergency Management Specialists	20	20	0	0%	0	0	\$31,959	Work experience in a related occupation
13-1071	Employment, Recruitment, and Placement Specialists	430	450	30	6%	10	40	\$37,880	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	140	140	0	3%	0	10	\$43,057	Bachelor's degree
13-1073	Training and Development Specialists	450	470	20	5%	10	30	\$36,481	Bachelor's degree
13-1111	Management Analysts	650	680	30	5%	20	50	\$55,429	Work experience plus bachelor's or higher degree
13-1121	Meeting and Convention Planners	20	20	0	0%	0	0	NA	Bachelor's degree
13-1199	Business Operations Specialists, All Other	2,000	2,030	30	1%	60	90	\$38,973	Bachelor's degree
13-2000	Financial Specialists	4,350	4,470	110	3%	140	260	NA	NA
13-2011	Accountants and Auditors	2,100	2,140	30	2%	70	110	\$51,695	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	130	130	0	2%	10	10	\$27,291	Postsecondary vocational training
13-2031	Budget Analysts	80	80	0	-4%	0	0	\$59,041	Bachelor's degree
13-2041	Credit Analysts	90	90	0	1%	0	0	\$47,473	Bachelor's degree
13-2051	Financial Analysts	150	150	0	1%	0	10	\$55,228	Bachelor's degree
13-2052	Personal Financial Advisors	270	280	10	4%	10	20	\$43,081	Bachelor's degree
13-2053	Insurance Underwriters	130	130	0	-2%	0	0	\$44,341	Bachelor's degree
13-2061	Financial Examiners	40	40	0	3%	0	0	\$43,395	Bachelor's degree
13-2071	Loan Counselors	60	70	0	3%	0	0	\$28,193	Bachelor's degree
13-2072	Loan Officers	780	840	60	7%	20	80	\$37,378	Bachelor's degree
13-2081	Tax Examiners, Collectors, and Revenue Agents	80	80	0	0%	0	0	\$42,370	Bachelor's degree
13-2082	Tax Preparers	290	300	10	3%	10	20	\$28,778	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	140	140	0	0%	10	10	\$47,956	Bachelor's degree
15-0000	Computer and Mathematical Occupations	4,330	4,360	30	1%	100	150	\$55,510	NA
15-1000	Computer Specialists	4,210	4,240	30	1%	90	140	NA	NA
15-1021	Computer Programmers	600	590	-10	-1%	30	30	\$55,888	Bachelor's degree
15-1031	Computer Software Engineers, Applications	740	730	-20	-2%	10	10	NA	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	390	400	10	3%	10	20	\$62,945	Bachelor's degree
15-1041	Computer Support Specialists	670	670	0	0%	10	10	\$35,126	Associate degree
15-1051	Computer Systems Analysts	930	950	20	2%	20	40	\$61,173	Bachelor's degree
15-1061	Database Administrators	130	140	0	3%	0	10	\$46,572	Bachelor's degree
15-1071	Network and Computer Systems Administrators	460	470	10	2%	10	20	\$52,483	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	160	170	10	6%	0	10	\$55,027	Bachelor's degree
15-1099	Computer Specialists, All Other	110	120	0	2%	0	0	\$48,728	Postsecondary vocational training
15-2000	Mathematical Scientists	130	120	0	-2%	10	10	NA	NA
15-2011	Actuaries	60	60	0	0%	10	10	\$77,997	Work experience plus bachelor's or higher degree
15-2031	Operations Research Analysts	40	40	0	0%	0	0	\$53,819	Master's degree
15-2041	Statisticians	20	20	0	-9%	0	0	NA	Master's degree
17-0000	Architecture and Engineering Occupations	7,300	7,160	-140	-2%	320	350	\$53,099	NA
17-1000	Architects, Surveyors, and Cartographers	320	330	10	4%	10	20	NA	NA
17-1011	Architects, Except Landscape and Naval	230	240	10	5%	10	20	\$53,733	Bachelor's degree
17-1012	Landscape Architects	20	20	0	12%	0	0	NA	Bachelor's degree
17-1022	Surveyors	70	70	0	0%	10	10	\$51,049	Bachelor's degree
17-2000	Engineers	4,600	4,500	-100	-2%	200	210	NA	NA
17-2031	Biomedical Engineers	20	20	0	6%	0	0	NA	Bachelor's degree
17-2041	Chemical Engineers	50	40	0	-4%	0	0	\$66,547	Bachelor's degree
17-2051	Civil Engineers	280	280	0	0%	10	10	\$57,106	Bachelor's degree
17-2061	Computer Hardware Engineers	160	160	0	-2%	10	10	NA	Bachelor's degree
17-2071	Electrical Engineers	1,080	1,040	-50	-4%	40	40	\$58,145	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	400	390	-10	-1%	10	10	\$66,505	Bachelor's degree
17-2081	Environmental Engineers	60	60	0	5%	0	10	\$53,418	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspec	50	50	0	-4%	0	0	\$53,141	Bachelor's degree
17-2112	Industrial Engineers	1,070	1,080	10	0%	50	50	\$57,538	Bachelor's degree
17-2131	Materials Engineers	90	80	0	-5%	10	10	\$61,213	Bachelor's degree

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17-2141	Mechanical Engineers	1,140	1,090	-40	-4%	60	60	\$61,833	Bachelor's degree
17-2199	Engineers, All Other	200	200	-10	-2%	10	10	NA	Bachelor's degree
17-3000	<i>Drafters, Engineering, and Mapping Technicians</i>	2,370	2,330	-50	-2%	110	120	NA	NA
17-3011	Architectural and Civil Drafters	240	250	0	1%	10	20	\$37,465	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	80	80	0	-2%	10	10	\$46,609	Postsecondary vocational training
17-3013	Mechanical Drafters	380	360	-20	-4%	20	20	\$41,417	Postsecondary vocational training
17-3022	Civil Engineering Technicians	150	150	0	1%	10	10	\$34,185	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	500	490	-20	-3%	20	20	\$43,997	Associate degree
17-3024	Electro-Mechanical Technicians	50	50	0	0%	0	0	\$41,192	Associate degree
17-3025	Environmental Engineering Technicians	20	30	0	4%	0	0	\$40,634	Associate degree
17-3026	Industrial Engineering Technicians	390	390	-10	-2%	20	20	\$43,203	Associate degree
17-3027	Mechanical Engineering Technicians	180	170	-10	-4%	10	10	\$37,739	Associate degree
17-3031	Surveying and Mapping Technicians	110	120	10	5%	10	20	\$28,662	Moderate-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	250	240	-10	-3%	10	10	NA	NA
19-0000	Life, Physical, and Social Science Occupations	1,310	1,330	30	2%	60	100	\$47,759	NA
19-1000	<i>Life Scientists</i>	140	140	0	2%	10	10	NA	NA
19-1010	Agricultural and Food Scientists	40	40	0	5%	0	0	NA	NA
19-1031	Conservation Scientists	20	20	0	0%	0	0	\$50,821	Bachelor's degree
19-1042	Medical Scientists, Except Epidemiologists	20	20	0	5%	0	0	NA	Doctoral degree
19-1099	Life Scientists, All Other	20	20	0	0%	0	0	NA	Bachelor's degree
19-2000	<i>Physical Scientists</i>	280	270	0	0%	10	20	NA	NA
19-2021	Atmospheric and Space Scientists	30	30	0	-9%	0	0	NA	NA
19-2031	Chemists	90	90	0	1%	10	10	\$50,423	Bachelor's degree
19-2032	Materials Scientists	20	10	0	-13%	0	0	\$74,155	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	80	80	0	4%	0	10	\$43,248	Bachelor's degree
19-2099	Physical Scientists, All Other	40	40	0	-3%	0	0	NA	Bachelor's degree
19-3000	<i>Social Scientists and Related Workers</i>	460	470	10	2%	20	30	NA	NA
19-3021	Market Research Analysts	140	140	0	0%	10	10	\$53,389	Bachelor's degree
19-3022	Survey Researchers	30	30	0	3%	0	0	NA	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	170	180	10	4%	10	10	\$53,320	Master's degree
19-3051	Urban and Regional Planners	60	60	0	0%	0	0	\$45,976	Master's degree
19-3099	Social Scientists and Related Workers, All Other	60	60	0	2%	0	0	\$67,807	Master's degree
19-4000	<i>Life, Physical, and Social Science Technicians</i>	430	450	20	4%	20	40	NA	NA
19-4011	Agricultural and Food Science Technicians	40	40	0	0%	0	0	\$37,894	Associate degree
19-4031	Chemical Technicians	160	170	10	3%	10	10	\$31,325	Associate degree
19-4091	Environmental Science and Protection Technicians, Including Health	40	50	0	7%	0	10	\$34,733	Associate degree
19-4092	Forensic Science Technicians	20	20	0	0%	0	0	NA	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	150	160	10	7%	10	20	NA	Associate degree
21-0000	Community and Social Services Occupations	3,870	4,070	200	5%	130	330	\$30,934	NA
21-1000	<i>Counselors, Social Workers, and Other Community and Social Service Sp</i>	3,390	3,570	180	5%	120	290	NA	NA
21-1011	Substance Abuse and Behavioral Disorder Counselors	200	210	10	6%	10	20	\$25,851	Master's degree
21-1012	Educational, Vocational, and School Counselors	370	380	10	3%	20	30	\$43,153	Master's degree
21-1013	Marriage and Family Therapists	30	30	0	7%	0	0	\$36,153	Master's degree
21-1014	Mental Health Counselors	160	170	10	4%	10	10	\$33,235	Master's degree
21-1015	Rehabilitation Counselors	240	250	10	4%	10	20	\$28,514	Master's degree
21-1021	Child, Family, and School Social Workers	860	900	40	4%	30	60	\$29,132	Bachelor's degree
21-1022	Medical and Public Health Social Workers	270	280	10	5%	10	20	\$36,399	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	200	210	10	4%	10	10	\$34,760	Master's degree
21-1091	Health Educators	90	90	0	3%	0	10	\$34,440	Master's degree
21-1092	Probation Officers and Correctional Treatment Specialists	110	110	0	0%	0	0	\$36,019	Bachelor's degree
21-1093	Social and Human Service Assistants	870	940	70	8%	30	100	\$24,647	Moderate-term on-the-job training
21-2000	<i>Religious Workers</i>	80	90	0	5%	0	10	NA	NA
21-2011	Clergy	60	70	0	5%	0	10	\$35,759	Master's degree

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21-2021	Directors, Religious Activities and Education	20	20	0	6%	0	0		NA Bachelor's degree
21-9000	Miscellaneous Counselors, Social, & Religious Workers	400	420	20	4%	10	30	NA NA	
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	400	420	20	4%	10	30	NA NA	
23-0000	Legal Occupations	1,230	1,250	20	2%	30	50	\$55,357 NA	
23-1000	Lawyers, Judges, and Related Workers	730	750	20	3%	20	40	NA NA	
23-1011	Lawyers	650	670	20	3%	20	40	\$74,670	First professional degree
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	20	20	0	0%	0	0	NA	Work experience plus bachelor's or higher degree
23-1022	Arbitrators, Mediators, and Conciliators	30	30	0	-4%	0	0	NA	Work experience plus bachelor's or higher degree
23-1023	Judges, Magistrate Judges, and Magistrates	40	40	0	0%	0	0	\$70,183	Work experience plus bachelor's or higher degree
23-2000	Legal Support Workers	410	410	0	0%	10	10	NA NA	
23-2011	Paralegals and Legal Assistants	140	150	10	4%	0	10	\$34,673	Associate degree
23-2091	Court Reporters	20	20	0	0%	0	0	\$29,089	Postsecondary vocational training
23-2092	Law Clerks	30	30	0	-3%	0	0	\$34,268	Bachelor's degree
23-2093	Title Examiners, Abstractors, and Searchers	220	210	0	-2%	0	0	\$24,673	Moderate-term on-the-job training
23-9000	Miscellaneous Legal & Related Workers	90	90	0	0%	0	0	NA NA	
23-9099	Legal and Related Workers, All Other (OES Only)	90	90	0	0%	0	0	NA NA	
25-0000	Education, Training, and Library Occupations	17,980	18,760	780	4%	710	1,500	\$38,173 NA	
25-1000	Postsecondary Teachers	2,440	2,630	190	8%	100	290	NA NA	
25-1011	Business Teachers, Postsecondary	230	250	20	8%	10	30	\$51,197	Doctoral degree
25-1021	Computer Science Teachers, Postsecondary	60	70	0	6%	0	10	\$53,118	Doctoral degree
25-1022	Mathematical Science Teachers, Postsecondary	120	130	10	7%	10	10	\$48,850	Doctoral degree
25-1032	Engineering Teachers, Postsecondary	80	80	10	8%	0	10	\$57,024	Doctoral degree
25-1042	Biological Science Teachers, Postsecondary	100	110	10	7%	0	10	\$47,572	Doctoral degree
25-1052	Chemistry Teachers, Postsecondary	60	60	0	7%	0	10	\$45,871	Doctoral degree
25-1054	Physics Teachers, Postsecondary	30	30	0	7%	0	0	\$51,301	Doctoral degree
25-1061	Anthropology and Archeology Teachers, Postsecondary	20	20	0	5%	0	0	NA	Doctoral degree
25-1063	Economics Teachers, Postsecondary	20	20	0	13%	0	0	NA	Doctoral degree
25-1065	Political Science Teachers, Postsecondary	30	30	0	8%	0	0	\$55,715	Doctoral degree
25-1066	Psychology Teachers, Postsecondary	70	80	10	8%	0	10	\$49,657	Doctoral degree
25-1067	Sociology Teachers, Postsecondary	40	40	0	5%	0	0	\$49,245	Doctoral degree
25-1071	Health Specialties Teachers, Postsecondary	90	100	10	8%	0	10	\$48,733	Doctoral degree
25-1072	Nursing Instructors and Teachers, Postsecondary	140	150	10	8%	10	20	\$46,622	Master's degree
25-1081	Education Teachers, Postsecondary	270	290	20	8%	10	30	\$41,786	Doctoral degree
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	30	0	8%	0	0	\$45,115	Doctoral degree
25-1121	Art, Drama, and Music Teachers, Postsecondary	90	100	10	9%	0	10	\$43,884	Doctoral degree
25-1122	Communications Teachers, Postsecondary	30	30	0	7%	0	0	\$47,287	Doctoral degree
25-1123	English Language and Literature Teachers, Postsecondary	140	150	10	8%	10	20	\$42,347	Doctoral degree
25-1124	Foreign Language and Literature Teachers, Postsecondary	20	20	0	10%	0	0	\$54,027	Doctoral degree
25-1125	History Teachers, Postsecondary	50	60	0	8%	0	10	\$48,786	Doctoral degree
25-1126	Philosophy and Religion Teachers, Postsecondary	50	60	10	9%	0	10	\$45,896	Doctoral degree
25-1191	Graduate Teaching Assistants	40	50	0	7%	0	10	NA	Bachelor's degree
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	40	40	0	8%	0	10	\$35,377	Master's degree
25-1194	Vocational Education Teachers, Postsecondary	90	90	10	8%	0	10	\$53,054	Work experience in a related occupation
25-1199	Postsecondary Teachers, All Other	480	510	40	7%	20	60	NA	Doctoral degree
25-2000	Primary, Secondary, and Special Education School Teachers	9,950	10,290	350	3%	410	770	NA NA	
25-2011	Preschool Teachers, Except Special Education	760	750	-10	-1%	20	20	\$28,162	Bachelor's degree
25-2012	Kindergarten Teachers, Except Special Education	350	370	20	5%	10	30	NA	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	3,090	3,210	110	4%	120	230	\$44,061	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	1,630	1,680	40	3%	60	110	\$44,676	Bachelor's degree
25-2023	Vocational Education Teachers, Middle School	20	20	0	4%	0	0	\$41,613	NA
25-2031	Secondary School Teachers, Except Special and Vocational Education	2,780	2,900	120	4%	150	260	\$44,024	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	400	410	10	3%	20	30	\$47,161	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sc	470	490	30	6%	20	50	\$43,234	Bachelor's degree
25-2042	Special Education Teachers, Middle School	200	210	10	6%	10	20	\$45,625	Bachelor's degree

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25-2043	Special Education Teachers, Secondary School	240	250	20	6%	10	30	\$44,360	Bachelor's degree
25-3000	<i>Other Teachers and Instructors</i>	1,160	1,240	70	6%	20	100	NA	NA
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	190	200	10	4%	0	10	\$37,384	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	210	220	20	7%	0	20	\$28,522	Work experience in a related occupation
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	770	820	50	7%	20	70	NA	NA
25-4000	<i>Librarians, Curators, and Archivists</i>	590	610	10	2%	30	50	NA	NA
25-4010	Archivists, Curators, and Museum Technicians	50	60	0	8%	0	10	NA	NA
25-4021	Librarians	300	310	0	1%	10	20	\$41,700	Master's degree
25-4031	Library Technicians	240	250	10	2%	20	30	NA	Short-term on-the-job training
25-9000	<i>Other Education, Training, and Library Occupations</i>	3,840	4,000	170	4%	130	300	NA	NA
25-9011	Audio-Visual Collections Specialists	20	20	0	0%	0	0	NA	NA
25-9031	Instructional Coordinators	100	110	0	3%	0	10	\$41,773	Master's degree
25-9041	Teacher Assistants	3,670	3,830	160	4%	130	290	\$17,475	Short-term on-the-job training
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES)	50	50	0	2%	0	0	NA	NA
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	3,650	3,690	40	1%	130	200	\$29,967	NA
27-1000	<i>Art and Design Workers</i>	1,460	1,460	10	1%	40	60	NA	NA
27-1011	Art Directors	50	50	0	2%	0	0	\$46,352	Work experience plus bachelor's or higher degree
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	50	50	0	2%	0	0	NA	Long-term on-the-job training
27-1014	Multi-Media Artists and Animators	50	50	0	-2%	0	0	NA	Bachelor's degree
27-1021	Commercial and Industrial Designers	110	110	0	-3%	0	0	NA	Bachelor's degree
27-1023	Floral Designers	330	320	-10	-2%	10	10	\$19,113	Moderate-term on-the-job training
27-1024	Graphic Designers	370	370	0	1%	10	10	\$41,411	Bachelor's degree
27-1025	Interior Designers	130	140	10	8%	0	10	NA	Bachelor's degree
27-1026	Merchandise Displayers and Window Trimmers	80	70	0	-4%	0	0	\$20,940	Moderate-term on-the-job training
27-1099	Art and Design Workers, All Other (OES Only)	300	310	10	2%	10	20	NA	NA
27-2000	<i>Entertainers and Performers, Sports and Related Workers</i>	780	810	30	3%	40	60	NA	NA
27-2012	Producers and Directors	80	80	0	3%	0	0	\$37,114	Work experience plus bachelor's or higher degree
27-2022	Coaches and Scouts	540	560	20	4%	20	40	\$23,562	Long-term on-the-job training
27-2031	Dancers	70	70	0	0%	10	10	NA	Long-term on-the-job training
27-2032	Choreographers	30	30	0	4%	0	0	NA	Work experience in a related occupation
27-2042	Musicians and Singers	60	60	0	0%	0	0	NA	Long-term on-the-job training
27-3000	<i>Media and Communication Workers</i>	1,140	1,150	10	1%	50	70	NA	NA
27-3010	Announcers	230	220	-10	-4%	10	10	NA	NA
27-3020	News Analysts, Reporters and Correspondents	190	190	0	-1%	10	10	NA	NA
27-3031	Public Relations Specialists	340	360	20	5%	10	30	\$33,892	Bachelor's degree
27-3041	Editors	160	160	0	1%	10	10	\$37,340	Bachelor's degree
27-3042	Technical Writers	50	50	0	-4%	0	0	\$46,928	Bachelor's degree
27-3043	Writers and Authors	120	120	0	2%	0	10	\$35,232	Bachelor's degree
27-3091	Interpreters and Translators	20	20	0	0%	0	0	\$33,801	Long-term on-the-job training
27-3099	Media and Communication Workers, All Other	30	30	0	0%	0	0	NA	Long-term on-the-job training
27-4000	<i>Media and Communication Equipment Workers</i>	270	270	0	-1%	10	10	NA	NA
27-4011	Audio and Video Equipment Technicians	20	20	0	0%	0	0	\$24,518	Long-term on-the-job training
27-4012	Broadcast Technicians	120	110	0	-2%	10	10	\$25,385	Postsecondary vocational training
27-4021	Photographers	90	100	0	1%	0	0	\$29,490	Long-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	30	30	0	-4%	0	0	NA	Moderate-term on-the-job training
29-0000	Healthcare Practitioners and Technical Occupations	16,910	17,560	650	4%	570	1,220	\$46,591	NA
29-1000	<i>Health Diagnosing and Treating Practitioners</i>	8,970	9,340	370	4%	320	690	NA	NA
29-1011	Chiropractors	170	170	0	1%	10	10	\$85,220	First professional degree
29-1020	Dentists	260	260	0	0%	10	10	NA	NA
29-1031	Dietitians and Nutritionists	110	110	0	2%	10	10	\$43,033	Bachelor's degree

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29-1041	Optometrists	50	50	0	2%	0	0	NA	First professional degree
29-1051	Pharmacists	440	460	20	4%	20	30	\$82,963	First professional degree
29-1061	Anesthesiologists	20	20	0	7%	0	0	\$160,742	First professional degree
29-1062	Family and General Practitioners	470	480	10	2%	10	20	\$138,700	First professional degree
29-1063	Internists, General	30	30	0	4%	0	0	NA	First professional degree
29-1064	Obstetricians and Gynecologists	40	40	0	3%	0	0	NA	First professional degree
29-1065	Pediatricians, General	20	20	0	7%	0	0	NA	First professional degree
29-1066	Psychiatrists	30	30	0	-3%	0	0	NA	First professional degree
29-1067	Surgeons	230	230	10	2%	10	10	\$198,426	First professional degree
29-1069	Physicians and Surgeons, All Other	120	120	0	2%	0	10	NA	NA
29-1071	Physician Assistants	110	120	10	8%	0	10	\$51,619	Bachelor's degree
29-1081	Podiatrists	30	30	0	0%	0	0	NA	First professional degree
29-1111	Registered Nurses	5,520	5,780	260	5%	200	460	\$45,792	Associate degree
29-1121	Audiologists	20	20	0	5%	0	0	\$48,657	Master's degree
29-1122	Occupational Therapists	230	240	10	4%	10	20	\$52,443	Bachelor's degree
29-1123	Physical Therapists	340	350	20	5%	10	20	\$54,779	Master's degree
29-1124	Radiation Therapists	50	60	0	6%	0	10	NA	Associate degree
29-1125	Recreational Therapists	100	100	0	0%	0	0	\$29,567	Bachelor's degree
29-1126	Respiratory Therapists	250	260	20	6%	20	30	\$42,220	Associate degree
29-1127	Speech-Language Pathologists	170	180	10	5%	10	20	\$49,828	Master's degree
29-1131	Veterinarians	130	130	10	5%	10	10	\$95,424	First professional degree
29-1199	Health Diagnosing and Treating Practitioners, All Other	60	70	0	3%	0	0	\$96,211	First professional degree
29-2000	Health Technologists and Technicians	7,530	7,800	270	4%	240	510	NA	NA
29-2011	Medical and Clinical Laboratory Technologists	350	360	10	3%	20	30	\$44,113	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	420	430	10	3%	20	30	\$31,785	Associate degree
29-2021	Dental Hygienists	780	830	50	6%	10	60	\$43,372	Associate degree
29-2031	Cardiovascular Technologists and Technicians	110	110	10	6%	0	10	\$34,291	Associate degree
29-2032	Diagnostic Medical Sonographers	60	70	0	3%	0	0	\$45,153	Associate degree
29-2033	Nuclear Medicine Technologists	50	50	0	4%	0	0	\$49,553	NA
29-2034	Radiologic Technologists and Technicians	460	480	20	4%	20	30	\$40,916	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	640	660	20	4%	10	40	\$28,067	Postsecondary vocational training
29-2051	Dietetic Technicians	20	20	0	5%	0	0	\$25,307	Moderate-term on-the-job training
29-2052	Pharmacy Technicians	480	500	20	4%	10	30	\$22,073	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	660	660	0	0%	20	20	\$24,203	Postsecondary vocational training
29-2054	Respiratory Therapy Technicians	80	80	0	5%	0	10	\$35,067	Postsecondary vocational training
29-2055	Surgical Technologists	310	330	20	5%	10	20	\$34,990	Postsecondary vocational training
29-2056	Veterinary Technologists and Technicians	90	100	10	8%	0	10	\$26,329	Associate degree
29-2061	Licensed Practical and Licensed Vocational Nurses	2,300	2,370	70	3%	90	160	\$33,152	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	380	410	30	8%	10	40	\$26,859	Associate degree
29-2081	Opticians, Dispensing	320	330	0	1%	10	10	\$24,898	Long-term on-the-job training
29-2091	Orthotists and Prosthetists	30	30	0	0%	0	0	NA	Bachelor's degree
29-9000	Other Healthcare Practitioners and Technical Occupations	160	160	0	1%	10	10	NA	NA
29-9010	Occupational Health and Safety Specialists and Technicians	100	100	0	1%	0	10	NA	NA
29-9091	Athletic Trainers	60	60	0	2%	0	0	\$32,947	Bachelor's degree
29-9100	Other Health Practitioners And Technical Workers	250	260	10	4%	10	20	NA	NA
29-9199	Health Professionals and Technicians, All Other (OES Only)	250	260	10	4%	10	20	NA	NA
31-0000	Healthcare Support Occupations	7,720	8,080	370	5%	220	590	\$21,996	NA
31-1000	Nursing, Psychiatric, and Home Health Aides	5,080	5,310	230	4%	120	350	NA	NA
31-1011	Home Health Aides	860	930	70	8%	20	90	\$20,134	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	4,200	4,360	160	4%	100	260	\$20,578	Short-term on-the-job training
31-1013	Psychiatric Aides	20	20	0	0%	0	0	NA	Short-term on-the-job training
31-2000	Occupational and Physical Therapist Assistants and Aides	230	240	10	4%	10	20	NA	NA
31-2011	Occupational Therapist Assistants	40	40	0	2%	0	0	\$37,680	Associate degree
31-2012	Occupational Therapist Aides	20	20	0	0%	0	0	NA	Short-term on-the-job training
31-2021	Physical Therapist Assistants	110	120	10	6%	0	10	\$37,216	Associate degree
31-2022	Physical Therapist Aides	60	70	0	3%	0	0	\$21,255	Short-term on-the-job training

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31-9000	Other Healthcare Support Occupations	2,410	2,530	130	5%	100	230	NA NA	
31-9011	Massage Therapists	70	70	0	5%	0	10	NA	Postsecondary vocational training
31-9091	Dental Assistants	540	570	30	6%	30	60	\$27,607	Moderate-term on-the-job training
31-9092	Medical Assistants	800	870	70	9%	30	100	\$23,099	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	80	80	0	2%	0	10	NA	Short-term on-the-job training
31-9094	Medical Transcriptionists	400	410	10	3%	10	30	\$25,183	Postsecondary vocational training
31-9095	Pharmacy Aides	170	170	0	-1%	10	10	\$17,659	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	230	240	10	6%	10	20	NA	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	130	130	0	2%	0	10	\$23,653	Short-term on-the-job training
33-0000	Protective Service Occupations	5,340	5,430	90	2%	340	430	\$27,719	NA
33-1000	First-Line Supervisors/Managers, Protective Service Workers	460	460	0	1%	30	30	NA NA	
33-1011	First-Line Supervisors/Managers of Correctional Officers	40	40	0	6%	0	0	\$34,849	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	200	200	0	1%	10	10	\$48,332	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	120	120	0	2%	10	10	NA	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	110	110	0	-1%	10	10	\$35,001	Work experience in a related occupation
33-2000	Fire Fighting and Prevention Workers	560	560	10	1%	30	40	NA NA	
33-2011	Fire Fighters	530	540	10	1%	30	40	\$27,311	Long-term on-the-job training
33-2021	Fire Inspectors and Investigators	20	20	0	4%	0	0	\$45,563	Work experience in a related occupation
33-3000	Law Enforcement Workers	1,850	1,890	40	2%	90	120	NA NA	
33-3011	Bailiffs	20	20	0	0%	0	0	\$26,431	NA
33-3012	Correctional Officers and Jailers	530	540	10	2%	20	30	\$27,763	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	140	140	0	2%	10	10	\$45,269	Work experience in a related occupation
33-3041	Parking Enforcement Workers	20	20	0	0%	0	0	NA	Short-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	1,130	1,160	30	2%	60	80	\$37,273	Long-term on-the-job training
33-9000	Other Protective Service Workers	2,470	2,510	40	1%	200	240	NA NA	
33-9011	Animal Control Workers	30	30	0	-4%	10	10	\$27,728	Moderate-term on-the-job training
33-9021	Private Detectives and Investigators	130	130	10	5%	10	10	\$30,276	Work experience in a related occupation
33-9032	Security Guards	1,740	1,760	20	1%	80	100	\$19,341	Short-term on-the-job training
33-9091	Crossing Guards	100	100	0	0%	10	10	\$16,276	NA
33-9099	Protective Service Workers, All Other	470	480	10	3%	100	110	\$22,355	Short-term on-the-job training
35-0000	Food Preparation and Serving Related Occupations	28,970	29,660	690	2%	2,820	3,530	\$16,549	NA
35-1000	Supervisors, Food Preparation and Serving Workers	2,350	2,390	40	2%	130	160	NA NA	
35-1011	Chefs and Head Cooks	250	250	10	2%	20	20	\$30,106	Postsecondary vocational training
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Worker	2,100	2,140	30	1%	110	140	\$23,296	Work experience in a related occupation
35-2000	Cooks and Food Preparation Workers	8,200	8,350	150	2%	680	840	NA NA	
35-2011	Cooks, Fast Food	1,550	1,530	-20	-1%	120	120	\$14,371	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	1,560	1,570	10	0%	120	130	\$19,016	Long-term on-the-job training
35-2014	Cooks, Restaurant	1,840	1,900	70	4%	150	210	\$18,992	Long-term on-the-job training
35-2015	Cooks, Short Order	910	940	20	3%	70	100	\$17,139	Short-term on-the-job training
35-2021	Food Preparation Workers	2,340	2,410	70	3%	210	280	\$16,655	Short-term on-the-job training
35-3000	Food and Beverage Serving Workers	14,620	15,030	400	3%	1,680	2,080	NA NA	
35-3011	Bartenders	1,300	1,320	20	2%	100	120	\$16,491	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	7,030	7,190	160	2%	770	930	\$14,765	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	960	980	20	2%	200	220	\$14,246	Short-term on-the-job training
35-3031	Waiters and Waitresses	5,000	5,180	190	4%	580	770	\$16,241	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	340	350	10	3%	30	40	\$17,895	Short-term on-the-job training
35-9000	Other Food Preparation and Serving Related Workers	3,800	3,910	110	3%	340	440	NA NA	
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,350	1,390	40	3%	120	160	\$14,219	Short-term on-the-job training
35-9021	Dishwashers	1,600	1,630	30	2%	150	180	\$14,788	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	810	840	30	4%	60	90	\$15,517	Short-term on-the-job training
35-9099	Food Preparation and Serving Related Workers, All Other	50	50	0	2%	0	10	NA	Short-term on-the-job training

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37-0000	Building and Grounds Cleaning and Maintenance Occupations	9,880	10,060	180	2%	390	570	\$21,962 NA	
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	880	890	20	2%	30	50	NA NA	
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	550	560	10	2%	20	40	\$30,332	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grou	330	330	10	2%	10	10	\$29,140	Work experience in a related occupation
37-2000	Building Cleaning and Pest Control Workers	6,770	6,880	120	2%	260	380	NA NA	
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	4,730	4,820	90	2%	180	270	\$21,965	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	2,010	2,030	20	1%	80	100	\$15,808	Short-term on-the-job training
37-2021	Pest Control Workers	30	30	0	0%	0	0	\$25,489	Moderate-term on-the-job training
37-3000	Grounds Maintenance Workers	2,240	2,280	50	2%	100	150	NA NA	
37-3011	Landscaping and Groundskeeping Workers	2,080	2,130	50	2%	90	140	\$22,022	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	60	60	0	0%	0	0	NA	Moderate-term on-the-job training
37-3013	Tree Trimmers and Pruners	40	40	0	3%	0	0	\$26,681	Short-term on-the-job training
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OES	60	50	0	-7%	0	0	NA NA	
39-0000	Personal Care and Service Occupations	6,960	7,280	320	5%	330	660	\$19,218 NA	
39-1000	Supervisors, Personal Care and Service Workers	510	520	20	3%	20	40	NA NA	
39-1011	Gaming Supervisors	20	20	0	0%	0	0	NA	Postsecondary vocational training
39-1021	First-Line Supervisors/Managers of Personal Service Workers	480	500	20	3%	20	40	\$29,099	Work experience in a related occupation
39-2000	Animal Care and Service Workers	300	300	10	2%	10	20	NA NA	
39-2011	Animal Trainers	30	30	0	4%	0	0	NA	Moderate-term on-the-job training
39-2021	Nonfarm Animal Caretakers	270	270	10	2%	10	20	\$16,957	Short-term on-the-job training
39-3000	Entertainment Attendants and Related Workers	700	730	30	4%	60	90	NA NA	
39-3011	Gaming Dealers	30	30	0	-3%	0	0	NA	Postsecondary vocational training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	60	60	0	7%	10	10	\$14,175	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	360	370	10	2%	30	30	\$15,216	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	50	50	0	6%	0	10	\$18,554	Work experience in a related occupation
39-3199	Gaming Workers, All Other (OES Only)	180	190	10	8%	10	30	NA NA	
39-4000	Funeral Service Workers	170	180	0	2%	10	10	NA NA	
39-4011	Embalmers	40	40	0	3%	0	0	NA NA	
39-4021	Funeral Attendants	130	130	0	2%	10	10	\$14,819	Short-term on-the-job training
39-5000	Personal Appearance Workers	1,240	1,260	20	1%	50	60	NA NA	
39-5012	Hairdressers, Hairstylists, and Cosmetologists	970	980	10	1%	40	40	\$18,806	Postsecondary vocational training
39-5092	Manicurists and Pedicurists	190	190	10	3%	10	10	NA	Postsecondary vocational training
39-5094	Skin Care Specialists	70	70	0	2%	0	0	NA	Postsecondary vocational training
39-6000	Transportation, Tourism, and Lodging Attendants	250	380	130	52%	10	140	NA NA	
39-6011	Baggage Porters and Bellhops	60	90	30	47%	0	30	\$17,153	Short-term on-the-job training
39-6021	Tour Guides and Escorts	30	30	0	3%	0	0	NA	Moderate-term on-the-job training
39-6031	Flight Attendants	80	150	70	91%	0	80	NA NA	
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	60	90	30	46%	0	30	NA	Short-term on-the-job training
39-9000	Other Personal Care and Service Workers	3,800	3,920	130	3%	170	300	NA NA	
39-9011	Child Care Workers	1,570	1,570	0	0%	90	90	\$17,824	Short-term on-the-job training
39-9021	Personal and Home Care Aides	1,210	1,300	90	7%	40	130	\$18,323	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	230	240	10	2%	10	20	\$18,369	Postsecondary vocational training
39-9032	Recreation Workers	500	510	10	2%	20	30	\$18,798	Bachelor's degree
39-9041	Residential Advisors	50	50	0	2%	0	0	\$22,794	Moderate-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	240	260	20	9%	10	30	NA	Moderate-term on-the-job training
41-0000	Sales and Related Occupations	33,520	33,800	280	1%	2,590	2,910	\$28,954 NA	
41-1000	Supervisors, Sales Workers	4,870	4,870	0	0%	160	170	NA NA	
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	3,850	3,860	10	0%	130	140	\$39,551	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,020	1,010	-10	-1%	40	40	\$70,339	Work experience in a related occupation

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41-2000	Retail Sales Workers	19,920	20,090	170	1%	2,030	2,210	NA NA	
41-2011	Cashiers	8,790	8,870	80	1%	1,140	1,220	\$15,852	Short-term on-the-job training
41-2012	Gaming Change Persons and Booth Cashiers	20	20	0	0%	0	0	NA	Short-term on-the-job training
41-2021	Counter and Rental Clerks	740	750	20	2%	70	80	\$19,374	Short-term on-the-job training
41-2022	Parts Salespersons	550	550	0	-1%	30	30	\$27,891	Moderate-term on-the-job training
41-2031	Retail Salespersons	9,820	9,900	80	1%	790	870	\$22,241	Short-term on-the-job training
41-3000	Sales Representatives, Services	1,970	1,980	10	1%	80	100	NA NA	
41-3011	Advertising Sales Agents	370	370	0	0%	10	10	\$33,986	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	1,180	1,190	10	1%	50	70	\$58,482	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	300	300	10	2%	10	10	\$96,320	Bachelor's degree
41-3041	Travel Agents	130	120	-10	-7%	10	10	\$26,037	Postsecondary vocational training
41-4000	Sales Representatives, Wholesale and Manufacturing	4,720	4,800	80	2%	240	320	NA NA	
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scie	560	560	10	1%	30	40	\$53,272	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	4,160	4,230	70	2%	220	280	\$48,034	Moderate-term on-the-job training
41-9000	Other Sales and Related Workers	2,040	2,060	20	1%	80	110	NA NA	
41-9011	Demonstrators and Product Promoters	60	60	0	7%	0	10	\$29,173	Moderate-term on-the-job training
41-9021	Real Estate Brokers	60	60	0	-2%	0	0	\$51,882	Work experience in a related occupation
41-9022	Real Estate Sales Agents	600	610	10	2%	20	30	\$39,337	Postsecondary vocational training
41-9031	Sales Engineers	200	200	0	-1%	10	10	\$64,177	Bachelor's degree
41-9041	Telemarketers	290	280	-10	-3%	10	10	\$25,030	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	830	850	20	2%	30	50	NA	Moderate-term on-the-job training
43-0000	Office and Administrative Support Occupations	51,180	50,960	-210	0%	2,440	2,800	\$26,444	NA
43-1000	Supervisors, Office and Administrative Support Workers	3,510	3,500	-10	0%	140	140	NA NA	
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Woi	3,510	3,500	-10	0%	140	140	\$39,350	Work experience in a related occupation
43-2000	Communications Equipment Operators	590	590	-10	-1%	30	30	NA NA	
43-2011	Switchboard Operators, Including Answering Service	530	520	-10	-2%	30	30	\$21,091	Short-term on-the-job training
43-2021	Telephone Operators	50	60	0	4%	0	10	NA	Short-term on-the-job training
43-3000	Financial Clerks	9,370	9,290	-70	-1%	480	500	NA NA	
43-3011	Bill and Account Collectors	600	620	20	3%	20	40	\$26,720	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	1,400	1,400	-10	0%	40	40	\$25,914	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	4,700	4,640	-60	-1%	170	170	\$26,991	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	590	580	-10	-1%	30	30	\$28,862	Short-term on-the-job training
43-3061	Procurement Clerks	200	190	-10	-3%	10	10	\$29,239	Short-term on-the-job training
43-3071	Tellers	1,870	1,860	-20	-1%	210	210	\$20,285	Short-term on-the-job training
43-4000	Information and Record Clerks	10,510	10,670	160	1%	450	700	NA NA	
43-4011	Brokerage Clerks	50	50	0	-2%	0	0	\$29,341	Moderate-term on-the-job training
43-4021	Correspondence Clerks	30	30	0	-4%	0	0	NA	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	180	180	0	-1%	10	10	\$26,468	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	50	50	0	2%	0	0	\$30,111	Short-term on-the-job training
43-4051	Customer Service Representatives	3,580	3,640	60	2%	100	160	\$28,576	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	130	130	-10	-5%	10	10	NA	Moderate-term on-the-job training
43-4071	File Clerks	530	520	-10	-3%	30	30	\$20,067	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	280	280	0	-1%	30	30	\$14,720	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	400	420	20	4%	20	40	\$22,688	Short-term on-the-job training
43-4121	Library Assistants, Clerical	230	240	10	3%	20	30	\$17,663	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	700	690	-20	-2%	20	20	\$26,657	Short-term on-the-job training
43-4141	New Accounts Clerks	150	150	0	-1%	10	10	NA	Work experience in a related occupation
43-4151	Order Clerks	790	740	-50	-7%	40	40	\$25,248	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	400	400	0	0%	20	20	\$30,443	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	2,430	2,520	90	4%	130	220	\$20,892	Short-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	110	180	70	68%	10	80	\$19,366	Short-term on-the-job training
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	490	490	10	1%	10	20	NA NA	

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	9,730	9,580	-150	-2%	650	680	NA NA	
43-5011	Cargo and Freight Agents	240	240	0	2%	10	10	\$36,058	Moderate-term on-the-job training
43-5021	Couriers and Messengers	180	180	0	0%	10	10	\$20,663	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	180	180	0	-1%	10	10	\$29,907	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	450	470	10	3%	20	30	\$31,003	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	80	70	-10	-6%	10	10	\$27,311	NA
43-5051	Postal Service Clerks	160	160	0	1%	10	10	\$41,298	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	850	850	10	1%	50	60	\$42,491	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operatrc	290	280	0	-1%	10	10	\$37,318	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	1,000	990	-10	-1%	50	50	\$37,575	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	2,320	2,270	-50	-2%	90	90	\$26,438	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	3,860	3,760	-110	-3%	390	390	\$20,882	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	130	130	0	2%	10	10	\$25,531	Short-term on-the-job training
43-6000	Secretaries and Administrative Assistants	8,010	7,980	-40	0%	280	310	NA NA	
43-6011	Executive Secretaries and Administrative Assistants	2,540	2,530	-20	-1%	90	90	\$33,157	Moderate-term on-the-job training
43-6012	Legal Secretaries	460	470	20	4%	20	30	\$29,038	Postsecondary vocational training
43-6013	Medical Secretaries	920	930	20	2%	30	50	\$24,841	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	4,100	4,050	-50	-1%	140	140	\$24,243	Moderate-term on-the-job training
43-9000	Other Office and Administrative Support Workers	9,450	9,350	-100	-1%	410	430	NA NA	
43-9011	Computer Operators	270	250	-20	-7%	10	10	\$33,837	Moderate-term on-the-job training
43-9021	Data Entry Keyers	900	870	-30	-4%	40	40	\$25,801	Moderate-term on-the-job training
43-9022	Word Processors and Typists	330	310	-30	-8%	10	10	\$23,805	Moderate-term on-the-job training
43-9031	Desktop Publishers	90	90	0	0%	0	0	\$31,668	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	780	770	-10	-1%	20	20	\$28,769	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	160	160	-10	-3%	10	10	\$19,284	Short-term on-the-job training
43-9061	Office Clerks, General	6,100	6,120	20	0%	270	290	\$20,884	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	230	220	-10	-5%	10	10	\$20,756	Short-term on-the-job training
43-9111	Statistical Assistants	90	90	0	-3%	0	0	NA	Moderate-term on-the-job training
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers,	490	480	-10	-2%	20	20	NA NA	
45-0000	Farming, Fishing, and Forestry Occupations	1,130	1,130	0	0%	70	70	\$24,109	NA
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	60	70	0	5%	0	10	NA NA	
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Worke	60	60	0	5%	0	10	\$42,710	Work experience in a related occupation
45-2000	Agricultural Workers	910	910	0	0%	60	60	NA NA	
45-2041	Graders and Sorters, Agricultural Products	40	40	0	5%	0	0	NA	Work experience in a related occupation
45-2091	Agricultural Equipment Operators	60	60	0	2%	0	10	NA	Moderate-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	590	590	0	0%	40	40	NA	Long-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	200	190	-10	-3%	10	10	NA	Moderate-term on-the-job training
45-4000	Forest, Conservation, and Logging Workers	90	90	0	0%	0	0	NA NA	
45-4022	Logging Equipment Operators	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
45-4023	Log Graders and Scalers	40	40	0	0%	0	0	\$32,056	Moderate-term on-the-job training
45-9000	Other Farming, Fishing, and Forestry Workers	80	80	0	-1%	0	0	NA NA	
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	80	80	0	-1%	0	0	NA NA	
47-0000	Construction and Extraction Occupations	15,540	15,760	220	1%	580	820	\$36,876	NA
47-1000	Supervisors, Construction and Extraction Workers	1,360	1,390	30	2%	40	70	NA NA	
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction W	1,360	1,390	30	2%	40	70	\$51,560	Work experience in a related occupation
47-2000	Construction Trades Workers	12,460	12,640	180	1%	430	620	NA NA	
47-2021	Brickmasons and Blockmasons	210	210	0	1%	10	10	NA	Long-term on-the-job training
47-2022	Stonemasons	60	60	0	2%	0	0	NA	Long-term on-the-job training
47-2031	Carpenters	3,070	3,110	40	1%	90	130	\$32,944	Long-term on-the-job training
47-2041	Carpet Installers	160	160	10	3%	0	10	\$37,789	Moderate-term on-the-job training
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	30	30	0	0%	0	0	\$43,294	Moderate-term on-the-job training

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47-2044	Tile and Marble Setters	70	70	0	3%	0	0	NA	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	350	360	10	3%	10	20	\$29,444	Long-term on-the-job training
47-2061	Construction Laborers	1,580	1,640	60	4%	40	100	\$29,367	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	300	320	10	4%	10	20	\$33,824	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	740	740	0	0%	40	40	\$42,656	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	210	210	0	1%	10	10	\$23,725	Moderate-term on-the-job training
47-2082	Tapers	70	70	0	2%	0	0	NA	Moderate-term on-the-job training
47-2111	Electricians	2,150	2,180	40	2%	80	120	\$48,423	Long-term on-the-job training
47-2121	Glaziers	20	30	0	4%	0	0	NA	Long-term on-the-job training
47-2130	Insulation Workers	190	190	0	0%	10	10	NA	NA
47-2141	Painters, Construction and Maintenance	1,160	1,160	-10	0%	30	30	\$32,046	Moderate-term on-the-job training
47-2151	Pipelayers	130	130	0	1%	10	10	\$30,630	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	990	990	0	0%	40	50	\$44,767	Long-term on-the-job training
47-2171	Reinforcing Iron and Rebar Workers	40	40	0	2%	0	0	NA	Long-term on-the-job training
47-2181	Roofers	290	300	10	2%	10	20	\$33,285	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	510	520	0	1%	20	30	\$34,743	Moderate-term on-the-job training
47-2221	Structural Iron and Steel Workers	110	110	0	-1%	0	0	NA	Long-term on-the-job training
47-3000	<i>Helpers, Construction Trades</i>	1,030	1,040	10	1%	90	100	NA	NA
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble	110	110	0	-1%	10	10	NA	Short-term on-the-job training
47-3012	Helpers--Carpenters	490	500	10	2%	40	50	\$24,980	Short-term on-the-job training
47-3013	Helpers--Electricians	100	100	0	0%	10	10	\$27,601	Short-term on-the-job training
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	40	50	0	2%	0	10	\$24,648	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	250	250	0	-1%	20	20	NA	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	30	30	0	-10%	0	0	\$21,794	Short-term on-the-job training
47-4000	<i>Other Construction and Related Workers</i>	500	510	10	1%	20	20	NA	NA
47-4011	Construction and Building Inspectors	120	120	0	1%	10	10	\$36,642	Work experience in a related occupation
47-4021	Elevator Installers and Repairers	20	20	0	0%	0	0	NA	Long-term on-the-job training
47-4041	Hazardous Materials Removal Workers	30	30	0	12%	0	0	NA	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	250	250	0	0%	10	10	\$28,318	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	80	80	0	3%	0	10	NA	Moderate-term on-the-job training
47-4900	<i>All Other Construction Trades and Related Workers</i>	100	100	0	1%	0	0	NA	NA
47-4999	Construction Trades and Related Workers, All Other (OES Only)	100	100	0	1%	0	0	NA	NA
47-5000	<i>Extraction Workers</i>	80	70	0	-4%	10	10	NA	NA
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	0%	0	0	\$30,988	Moderate-term on-the-job training
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
47-5042	Mine Cutting and Channeling Machine Operators	20	20	0	-6%	0	0	NA	Work experience in a related occupation
47-5081	Helpers--Extraction Workers	20	10	0	-7%	0	0	NA	Short-term on-the-job training
49-0000	Installation, Maintenance, and Repair Occupations	15,670	15,790	120	1%	680	850	\$36,454	NA
49-1000	<i>Supervisors of Installation, Maintenance, and Repair Workers</i>	1,570	1,590	20	1%	70	90	NA	NA
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,570	1,590	20	1%	70	90	\$50,241	Work experience in a related occupation
49-2000	<i>Electrical and Electronic Equipment Mechanics, Installers, and Repairers</i>	1,000	970	-30	-3%	40	40	NA	NA
49-2011	Computer, Automated Teller, and Office Machine Repairers	220	210	-10	-4%	10	10	\$33,787	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	230	220	-10	-6%	10	10	\$43,923	Postsecondary vocational training
49-2092	Electric Motor, Power Tool, and Related Repairers	60	60	0	-4%	0	0	\$41,042	Postsecondary vocational training
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipm	20	20	0	-11%	0	0	NA	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipmen	160	160	0	0%	10	10	\$39,791	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	40	30	-10	-14%	0	0	NA	Postsecondary vocational training
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	20	20	0	0%	0	0	NA	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	190	190	0	1%	10	10	\$31,984	Postsecondary vocational training
49-2098	Security and Fire Alarm Systems Installers	40	40	0	0%	0	0	NA	Postsecondary vocational training
49-3000	<i>Vehicle and Mobile Equipment Mechanics, Installers</i>	4,330	4,390	70	2%	230	300	NA	NA
49-3011	Aircraft Mechanics and Service Technicians	80	100	20	23%	0	20	\$39,948	Postsecondary vocational training

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49-3021	Automotive Body and Related Repairers	560	570	10	2%	20	30	\$34,531	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	1,820	1,830	10	1%	90	100	\$35,174	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	920	940	20	2%	50	60	\$34,790	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	120	120	0	0%	10	10	\$30,974	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	190	190	0	2%	10	10	\$35,068	Postsecondary vocational training
49-3051	Motorboat Mechanics	40	50	0	5%	0	0	\$26,243	Long-term on-the-job training
49-3052	Motorcycle Mechanics	90	100	10	9%	0	10	\$29,680	Long-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
49-3091	Bicycle Repairers	40	40	0	3%	0	10	NA	Moderate-term on-the-job training
49-3092	Recreational Vehicle Service Technicians	30	30	0	4%	0	0	\$30,666	Long-term on-the-job training
49-3093	Tire Repairers and Changers	410	410	0	-1%	40	40	\$22,400	Short-term on-the-job training
49-9000	Other Installation, Maintenance, and Repair Occupations	8,780	8,840	60	1%	340	420	NA	NA
49-9011	Mechanical Door Repairers	50	50	0	2%	0	0	NA	Moderate-term on-the-job training
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	60	60	0	2%	0	0	NA	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,020	1,050	30	3%	20	50	\$34,599	Long-term on-the-job training
49-9031	Home Appliance Repairers	220	210	0	-1%	10	10	\$31,952	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	1,170	1,190	30	2%	40	70	\$44,321	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	4,080	4,090	10	0%	140	150	\$32,955	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	380	380	0	0%	20	20	\$33,053	Long-term on-the-job training
49-9044	Millwrights	400	400	0	-1%	20	20	\$43,188	Long-term on-the-job training
49-9045	Refractory Materials Repairers, Except Brickmasons	20	20	0	-9%	0	0	NA	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	110	110	-10	-5%	10	10	\$51,060	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	200	190	-10	-3%	10	10	NA	Long-term on-the-job training
49-9061	Camera and Photographic Equipment Repairers	30	30	0	0%	0	0	NA	NA
49-9062	Medical Equipment Repairers	40	50	0	9%	0	10	NA	Moderate-term on-the-job training
49-9069	Precision Instrument and Equipment Repairers, All Other	20	20	0	5%	0	0	NA	Long-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	70	70	0	-4%	0	0	\$26,756	Moderate-term on-the-job training
49-9095	Manufactured Building and Mobile Home Installers	90	90	0	0%	0	0	NA	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	420	420	10	2%	30	40	\$23,256	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	390	400	10	2%	20	20	\$35,526	Long-term on-the-job training
51-0000	Production Occupations	61,690	59,820	-1,880	-3%	2,910	2,940	\$31,169	NA
51-1000	Supervisors, Production Workers	4,070	4,000	-70	-2%	160	160	NA	NA
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	4,070	4,000	-70	-2%	160	160	\$45,880	Work experience in a related occupation
51-2000	Assemblers and Fabricators	15,160	14,560	-600	-4%	770	770	NA	NA
51-2021	Coil Winders, Tapers, and Finishers	220	190	-30	-14%	10	10	NA	Short-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	970	870	-100	-10%	40	40	\$31,210	Short-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	300	290	-10	-3%	10	10	\$25,822	Short-term on-the-job training
51-2031	Engine and Other Machine Assemblers	340	310	-30	-8%	20	20	NA	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	470	470	-10	-1%	20	20	\$32,236	Moderate-term on-the-job training
51-2091	Fiberglass Laminators and Fabricators	290	290	0	1%	20	20	\$24,984	Moderate-term on-the-job training
51-2092	Team Assemblers	11,750	11,330	-420	-4%	600	600	\$30,545	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	830	820	-10	-2%	40	40	\$28,157	Moderate-term on-the-job training
51-3000	Food Processing Workers	1,310	1,320	10	1%	60	80	NA	NA
51-3011	Bakers	480	490	10	2%	20	30	\$20,334	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	240	230	-10	-3%	10	10	\$27,001	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	60	60	0	-2%	0	0	NA	Short-term on-the-job training
51-3023	Slaughterers and Meat Packers	50	50	0	2%	0	0	NA	Moderate-term on-the-job training
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and	80	90	0	2%	10	10	NA	Short-term on-the-job training
51-3092	Food Batchmakers	250	250	0	1%	10	20	NA	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	150	160	10	3%	10	10	NA	Short-term on-the-job training
51-4000	Metal Workers and Plastic Workers	19,960	19,340	-630	-3%	900	900	NA	NA
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,600	1,550	-40	-3%	50	50	\$31,273	Long-term on-the-job training
51-4012	Numerical Tool and Process Control Programmers	90	80	0	-2%	0	0	\$39,475	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal a	1,400	1,360	-40	-3%	90	90	\$32,073	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	210	200	-10	-4%	10	10	\$30,656	Moderate-term on-the-job training

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51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	340	320	-20	-5%	20	20	\$30,789	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	3,330	3,230	-100	-3%	150	150	\$28,131	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	560	520	-40	-7%	30	30	NA	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,210	1,150	-50	-4%	40	40	\$27,408	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,150	1,110	-40	-3%	40	40	\$38,001	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	370	360	-10	-3%	10	10	\$31,113	Moderate-term on-the-job training
51-4041	Machinists	2,180	2,120	-70	-3%	100	100	\$33,629	Long-term on-the-job training
51-4051	Metal-Refining Furnace Operators and Tenders	260	250	-20	-6%	10	10	\$34,615	Moderate-term on-the-job training
51-4052	Pourers and Casters, Metal	120	110	-10	-8%	10	10	\$33,794	Moderate-term on-the-job training
51-4061	Model Makers, Metal and Plastic	30	30	0	0%	0	0	\$40,672	Moderate-term on-the-job training
51-4062	Patternmakers, Metal and Plastic	30	30	0	-12%	0	0	NA	Moderate-term on-the-job training
51-4071	Foundry Mold and Coremakers	190	180	-10	-6%	10	10	\$32,553	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,730	1,680	-50	-3%	80	80	\$27,940	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	720	720	0	0%	40	40	\$31,334	Moderate-term on-the-job training
51-4111	Tool and Die Makers	1,370	1,300	-70	-5%	60	60	\$44,561	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	1,640	1,630	-10	-1%	90	90	\$31,186	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders, Metal and Plastic	250	240	-10	-4%	10	10	\$28,854	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	310	310	-10	-2%	30	30	\$33,497	Moderate-term on-the-job training
51-4192	Lay-Out Workers, Metal and Plastic	40	40	0	-3%	0	0	\$34,996	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	170	170	-10	-5%	10	10	\$24,051	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	180	170	-10	-7%	10	10	\$33,051	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	500	490	0	-1%	20	20	NA	Moderate-term on-the-job training
51-5000	Printing Workers	2,000	1,900	-100	-5%	100	100	NA	NA
51-5011	Bindery Workers	760	710	-60	-8%	40	40	\$23,603	Moderate-term on-the-job training
51-5021	Job Printers	460	460	-10	-1%	20	20	\$29,797	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	180	170	-10	-8%	10	10	\$28,350	Long-term on-the-job training
51-5023	Printing Machine Operators	590	570	-20	-4%	30	30	\$28,883	Moderate-term on-the-job training
51-6000	Textile, Apparel, and Furnishings Workers	2,360	2,290	-70	-3%	100	100	NA	NA
51-6011	Laundry and Dry-Cleaning Workers	790	790	-10	-1%	50	50	\$17,948	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	40	40	0	-10%	0	0	NA	Short-term on-the-job training
51-6031	Sewing Machine Operators	610	610	0	-1%	10	10	\$23,692	Moderate-term on-the-job training
51-6041	Shoe and Leather Workers and Repairers	30	30	0	0%	0	0	\$26,418	Long-term on-the-job training
51-6051	Sewers, Hand	60	60	0	-5%	0	0	NA	Short-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	90	80	-10	-12%	0	0	\$19,554	Work experience in a related occupation
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	110	100	-10	-8%	10	10	\$26,136	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic Rubber, Plastic, and Glass	80	80	0	-4%	0	0	\$27,341	Moderate-term on-the-job training
51-6092	Fabric and Apparel Patternmakers	30	30	0	-10%	0	0	NA	Long-term on-the-job training
51-6093	Upholsterers	410	380	-20	-6%	20	20	\$24,980	Long-term on-the-job training
51-6099	Textile, Apparel, and Furnishings Workers, All Other	100	100	0	0%	10	10	NA	Moderate-term on-the-job training
51-7000	Woodworkers	1,690	1,620	-70	-4%	90	90	NA	NA
51-7011	Cabinetmakers and Bench Carpenters	860	820	-40	-5%	50	50	\$26,492	Long-term on-the-job training
51-7021	Furniture Finishers	170	150	-10	-7%	10	10	\$22,524	Long-term on-the-job training
51-7032	Patternmakers, Wood	20	20	0	-5%	0	0	NA	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	120	120	0	-2%	10	10	\$23,823	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	500	490	-10	-2%	30	30	\$27,835	Moderate-term on-the-job training
51-7099	Woodworkers, All Other	20	20	0	0%	0	0	\$26,282	Moderate-term on-the-job training
51-8000	Plant and System Operators	400	390	-10	-1%	20	20	NA	NA
51-8013	Power Plant Operators	110	110	0	-3%	10	10	NA	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	50	50	0	2%	0	0	\$40,173	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	180	180	0	-1%	10	10	\$32,404	Long-term on-the-job training
51-8099	Plant and System Operators, All Other	20	20	0	0%	0	0	NA	Long-term on-the-job training
51-9000	Other Production Occupations	14,760	14,400	-350	-2%	710	720	NA	NA
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders, Metal and Plastic	70	70	0	-1%	0	0	\$34,739	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders, Metal and Plastic	190	180	-10	-4%	10	10	\$31,340	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	210	210	0	0%	10	10	\$29,963	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	530	530	0	0%	30	30	\$30,872	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	210	200	-10	-3%	10	10	\$27,875	Short-term on-the-job training

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51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	360	340	-10	-4%	20	20	\$29,686	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operator	660	620	-40	-6%	30	30	\$31,165	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	100	100	0	-2%	10	10	\$36,289	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	3,180	3,070	-100	-3%	140	140	\$33,338	Moderate-term on-the-job training
51-9081	Dental Laboratory Technicians	140	140	0	1%	10	10	\$30,970	Long-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	170	170	0	-1%	10	10	\$23,224	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	1,200	1,210	0	0%	50	50	\$25,898	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,090	1,060	-40	-4%	60	60	\$26,574	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	120	130	0	2%	10	10	NA	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	190	190	0	-2%	10	10	NA	Short-term on-the-job training
51-9131	Photographic Process Workers	20	20	0	0%	0	0	\$20,268	Moderate-term on-the-job training
51-9132	Photographic Processing Machine Operators	80	90	0	1%	0	10	\$18,345	Short-term on-the-job training
51-9141	Semiconductor Processors	260	250	-20	-6%	10	10	NA	NA
51-9191	Cementing and Gluing Machine Operators and Tenders	230	210	-20	-7%	10	10	\$28,542	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	110	110	0	-2%	10	10	\$29,404	Moderate-term on-the-job training
51-9193	Cooling and Freezing Equipment Operators and Tenders	40	40	0	-3%	0	0	NA	Moderate-term on-the-job training
51-9194	Etchers and Engravers	20	20	0	-4%	0	0	\$17,162	Long-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	360	350	-10	-4%	20	20	\$29,660	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	580	540	-40	-6%	20	20	\$29,508	Moderate-term on-the-job training
51-9197	Tire Builders	290	270	-20	-6%	10	10	NA	NA
51-9198	Helpers--Production Workers	2,460	2,440	-20	-1%	140	140	\$23,246	Short-term on-the-job training
51-9199	Production Workers, All Other	1,860	1,840	-20	-1%	90	90	\$34,763	Moderate-term on-the-job training
53-0000	Transportation and Material Moving Occupations	30,420	30,730	320	1%	1,390	1,830	\$28,646	NA
<i>53-1000</i>	<i>Supervisors, Transportation and Material Moving Workers</i>	<i>1,520</i>	<i>1,540</i>	<i>20</i>	<i>1%</i>	<i>70</i>	<i>90</i>	<i>NA</i>	<i>NA</i>
53-1011	Aircraft Cargo Handling Supervisors	100	110	10	6%	0	10	\$36,693	Work experience in a related occupation
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Move	750	770	10	1%	30	40	\$39,362	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	670	670	0	1%	30	30	\$44,386	Work experience in a related occupation
<i>53-2000</i>	<i>Air Transportation Workers</i>	<i>210</i>	<i>300</i>	<i>90</i>	<i>43%</i>	<i>10</i>	<i>100</i>	<i>NA</i>	<i>NA</i>
53-2011	Airline Pilots, Copilots, and Flight Engineers	110	200	80	73%	10	90	NA	Bachelor's degree
53-2021	Air Traffic Controllers	70	70	0	3%	0	10	NA	Long-term on-the-job training
53-2022	Airfield Operations Specialists	20	20	0	25%	0	10	NA	Short-term on-the-job training
<i>53-3000</i>	<i>Motor Vehicle Operators</i>	<i>11,840</i>	<i>12,040</i>	<i>200</i>	<i>2%</i>	<i>340</i>	<i>590</i>	<i>NA</i>	<i>NA</i>
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicia	50	60	0	8%	0	10	\$19,481	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	280	280	0	-1%	10	10	\$22,792	Moderate-term on-the-job training
53-3022	Bus Drivers, School	1,610	1,660	50	3%	70	120	\$22,847	Short-term on-the-job training
53-3031	Driver/Sales Workers	800	790	-20	-2%	20	20	\$23,508	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	6,510	6,660	150	2%	200	340	\$37,384	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	2,000	2,050	40	2%	30	70	\$28,794	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	190	190	10	3%	0	10	\$18,284	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	400	370	-30	-8%	10	10	NA	Short-term on-the-job training
<i>53-4000</i>	<i>Rail Transportation Workers</i>	<i>30</i>	<i>30</i>	<i>0</i>	<i>-3%</i>	<i>0</i>	<i>0</i>	<i>NA</i>	<i>NA</i>
<i>53-6000</i>	<i>Other Transportation Workers</i>	<i>310</i>	<i>310</i>	<i>10</i>	<i>2%</i>	<i>30</i>	<i>30</i>	<i>NA</i>	<i>NA</i>
53-6021	Parking Lot Attendants	50	50	0	0%	0	0	\$16,045	Short-term on-the-job training
53-6031	Service Station Attendants	170	180	0	2%	20	20	\$18,054	Short-term on-the-job training
53-6051	Transportation Inspectors	20	20	0	0%	0	0	NA	Work experience in a related occupation
53-6099	Transportation Workers, All Other	50	50	0	7%	0	10	NA	Short-term on-the-job training
<i>53-7000</i>	<i>Material Moving Workers</i>	<i>16,510</i>	<i>16,510</i>	<i>0</i>	<i>0%</i>	<i>940</i>	<i>1,020</i>	<i>NA</i>	<i>NA</i>
53-7011	Conveyor Operators and Tenders	80	70	-10	-12%	0	0	NA	Short-term on-the-job training
53-7021	Crane and Tower Operators	230	230	0	0%	10	10	\$39,163	Moderate-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	100	100	0	-1%	10	10	NA	Moderate-term on-the-job training
53-7041	Hoist and Winch Operators	60	60	0	4%	0	10	NA	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	3,130	3,120	-20	-1%	110	110	\$29,089	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	1,010	1,020	10	1%	80	90	\$18,570	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	6,900	6,900	0	0%	520	520	\$25,744	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	820	770	-50	-6%	50	50	\$25,794	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	3,710	3,760	50	1%	140	190	\$20,575	Short-term on-the-job training

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53-7081	Refuse and Recyclable Material Collectors	370	380	10	3%	20	30	\$34,570	Short-term on-the-job training
53-7121	Tank Car, Truck, and Ship Loaders	90	90	10	7%	10	10	NA	Moderate-term on-the-job training
53-7199	Material Moving Workers, All Other	20	20	0	5%	0	0	NA	Short-term on-the-job training

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

- 2) 2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.

- 3) Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:

First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.

Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.

Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.

Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.

Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.

Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.

Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.

Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.

Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.

Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.

Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.